

TOP SECRET

Out  
69129

1

L TOP SECRET 132021Z JAN 70 CITE [REDACTED] 20 37Z

25X1

25X1

1108

REFERENCE: A. [REDACTED] 5151 (1108-1)  
B. [REDACTED] 5183 (1108-2)

25X1

1. [REDACTED] FINDS DISCREPANCY BETWEEN GEOGRAPHIC POSITIONS IN REF (A) AND (B) AND [REDACTED] COMPUTATION OF EPHEMERIS POSITIONS. HOWEVER, ONLY CERTAIN SPECIFIC SEGMENTS DIFFER BETWEEN [REDACTED] AND WEST COAST DATA. [REDACTED] HAS CHECKED ITS INPUTS AND PROGRAMS AND CAN FIND NO EVIDENCE OF ERROR ON ITS PART.

25X1

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2. IN ORDER TO PIN DOWN REASON FOR DISCREPANCY, REQUEST [REDACTED] RE-CHECK ITS DATA FOR COMPUTATION OF VEHICLE LATITUDE AND LONGITUDE SHOWN IN REFS. FOR SPECIFIC AREAS LISTED BELOW. THESE FRAMES FALL IN THE SEGMENTS WHICH DISAGREE. TO BEST OF OUR KNOWLEDGE REST [REDACTED] AGREES BETWEEN [REDACTED].

25X1

3. REQUEST CONFIRMATION OR CORRECTION OF DATA WHEN CHECKED. FOLLOW [REDACTED] 4. FRAMES FROM SEGMENTS OF EPHEMERIS WHICH DISAGREE AS FOLLO [REDACTED] REV FRAME Z TIME Z TIME VEH LAT & LONG & LONG

25X1

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25X1

	HR	MIN	SEC	HR	MIN	SEC	DEG	MIN	DEG	MIN	SEC	
BUCKET 1												
53	10	FWD	3	48	40.857	3	48	40.874	59	12.74N	59	09.07N
68	10	FWD	1	57	46.032	1	57	46.098	121	50.14E	131	52.30E
									58	00.42N	57	58.31N
									158	06.97E	158	08.30E
BUCKET 2												
118	10	FWD	3	46	43.370	3	46	43.387	49	09.17N	49	05.60N
134	10	FWD	3	24	06.663	3	24	06.680	127	38.71E	127	40.06E
151	10	FWD	4	27	01.321	4	27	01.337	45	58.17N	45	55.02N
184	10	FWD	5	10	45.127	5	10	45.142	132	05.14E	132	06.22E
199	10	FWD	3	20	19.600	3	20	19.616	59	02.50N	58	58.84N
216	10	FWD	4	24	36.608	4	24	24.623	108	26.38E	108	08.60E
231	10	FWD	2	33	10.147	2	33	10.161	55	41.23N	55	38.27N
232	10	FWD	4	03	17.031	4	03	17.046	094	35.63E	094	37.21E
249	10	FWD	5	10	57.754	5	10	57.767	49	45.30N	49	42.00N
264	10	FWD	3	18	42.863	3	18	42.874	122	32.17E	122	33.00E
									49	42.50N	49	38.97N
									104	04.07E	104	05.86E
									54	08.80N	54	05.42N
									128	02.22E	128	03.80E
									48	11.47N	48	07.80N
									107	39.98E	107	41.34E
									40	34.67N	40	31.40N
									090	35.21E	090	36.12E
									39	41.35N	39	38.38N
									116	45.04E	116	45.84E

25X1

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5. NOTE: VEH TIME COMPUTED AT [REDACTED] IS OFF APPROXIMATELY 17 MILLISECONDS FROM [REDACTED] TIME, SINCE [REDACTED] ALLOWS FOR TIME DIFFERENCE BETWEEN PRECISE CENTER OF FORMAT POINTS AND CENTER OF FORMAT SWITCH ACTIVATION TIME.

25X1

25X1

6. IT IS ASSUMED THAT BOTH [REDACTED] USE BASICALLY THE SAME INPUTS, I.E., TIME FROM THE SRV TAPE RECORDER SUMMARY, THE POSITIONS FROM THE ACCELERATION EPHEMERIS AND NOMINAL ATTITUDE.

25X1

TOP SECRET

END OF MESSAGE

TOP SECRET

GROUP 1  
Excluded from automatic  
downgrading and  
declassification

25X1